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1983
Nevada
Agricultural
Statistics

STATE OF NEVADA

RICHARD H. BRYAN
GOVERNOR



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TO THOSE WHO ARE INTERESTED IN NEVADA'S AGRICULTURE

Each year, the Nevada State Department of Agriculture, in cooperation with the United States Department of Agriculture, Statistical Reporting Service, and the University of Nevada Division of Agriculture and Resource Economics, prepares statistics on Nevada agriculture.

Each year, we receive many requests for information on acreage and production of Nevada crops and livestock. This publication helps answer those requests.

We hope that the information contained will be helpful and of interest to you.

Sincerely,

A handwritten signature in dark ink, appearing to read "Tom", is written over the printed name of Thomas W. Ballow.

Thomas W. Ballow
Executive Director

NEVADA CROP AND LIVESTOCK REPORTING SERVICE

U. S. Dept. of Agriculture Cooperating Div of Agr & Resource Econ, U of Nev
Statistical Reporting Service with Nevada State Dept. of Agriculture

Max C. Fleischmann Agricultural Building, Rm 232, Reno, Nevada 89557

FOREWORD

This annual report presents a summary of crops, livestock, prices and related agricultural data for 1983 with comparisons for recent years. Early season forecasts and preliminary estimates are issued currently during the year by the Nevada Crop and Livestock Reporting Service.

The information presented is part of a continuing cooperative project of the United States Department of Agriculture, Statistical Reporting Service, the University of Nevada and the Nevada State Department of Agriculture to provide the best possible statistical picture of Nevada's agriculture.

Our thanks go to the Nevada ranchers and farmers, agri business, County Extension Agents and other Federal, State and local agencies who contributed statistical data that make up this publication.

Charles Drain
State Statistician

Peter Dale Weber
Agricultural Statistician

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NEVADA AGRICULTURAL STATISTICS 1983

NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1983, at the 2,700 level, was down from a year earlier by the new definition. The new definition includes places with annual sales of agricultural products of \$1,000 or more. The old definition prior to 1975 as shown in the table includes places of 10 or more acres that had annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more.

A preliminary number of 2,700 farms is estimated for 1984 which is unchanged from 1983. New land coming into production has been offset by land consumed for urbanization and construction of highway systems as land in Nevada ranches and farms remained at 8,900,000 acres during 1984 (new definition).

Average size of ranch or farm in Nevada during 1983 was 3,296 acres (new definition) the same as in 1984.

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1973-1984

Year	Nevada			United States		
	Number of	Average Size	Land in	Number of	Average Size	Land in
	Farms	of Farms	Farms	Farms	of Farms	Farms
		- - Acres - -	1,000 Acres	Thousands	- - Acres -	1,000 Acres
1973	2,100	4,286	9,000	2,823	385	1,087,923
1974	2,100	4,286	9,000	2,795	388	1,084,433
1975	2,200	4,086	8,990	2,521	420	1,059,420
1976	2,400	3,746	8,990	2,497	422	1,054,075
1977	2,600	3,458	8,990	2,456	427	1,047,785
1978	2,900	3,100	8,990	2,436	429	1,044,790
1979	2,900	3,100	8,990	2,432	428	1,042,015
1980	2,900	3,100	8,990	2,433	427	1,038,885
1981	3,100	2,871	8,900	2,434	425	1,034,190
1982	2,900	3,069	8,900	2,401	428	1,027,795
1983	2,700	3,296	8,900	2,370	432	1,024,195
1984	2,700	3,296	8,900	2,333	437	1,019,503
1985						

1/ Preliminary.

NUMBER OF LIVESTOCK SPECIE FARMS, 1973-1983

Year	Nevada				United States			
	Cattle	Milk	Sheep	Hogs	Cattle	Milk	Sheep	Hogs
		Cows				Cows		
		Number				Thousands		
1973	1,600	500	300	240	1,841.1	497.0	150.8	735.7
1974	1,600	450	300	240	1,870.5	470.2	140.6	733.1
1975	1,500	430	290	240	1,866.0	443.6	129.6	661.7
1976	1,600	400	280	240	1,825.8	416.2	122.5	658.3
1977	1,700	400	280	250	1,771.9	393.5	117.5	647.0
1978	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980	1,700	400	300	220	1,622.5	335.8	119.9	670.4
1981	1,700	400	320	220	1,621.6	322.9	125.6	580.1
1982	1,700	400	320	210	1,611.0	312.1	128.1	482.2
1983	1,700	400	300	200	1,585.2	303.7	126.5	466.4
1984								

STATISTICAL REPORTING SERVICE

ANNUAL CROP SUMMARY

Ranchers and farmers in Nevada produced 1.6 million tons of selected crops in 1983--up 1 percent from 1982. All crops except alfalfa hay and barley showed decreases in production from the preceding year. Acreage of total crops harvested was also up 1 percent in 1983 with increases shown only for barley and both alfalfa and wild hay.

Spring planting was well behind normal due to weekly storms, high winds and low temperatures. These conditions were offset, however, by Indian Summer type weather at the end of the longer than usual growing season. Yields were above 1982 for spring wheat, alfalfa seed, and alfalfa hay. Declines were shown for potatoes and wild hay. Above normal precipitation early in the growing season gave a boost to range grasses and assured good streamflow for the rest of the growing season. May had three weeks of below normal temperatures but clear skies the last week brought temperatures near normal. June started with sunny skies and temperatures well above normal but moderated at the end of the month. Scattered thundershowers were common. July was mostly cool and dry. August had unusually hot weather early in the month but widespread showers from midmonth on lowered temperatures and brought some relief. August ended dry which extended into the first three weeks of September. A cold blast of air from the north dropped temperatures 15 to 20 degrees near the end of the month.

Hay production was up from 1982 due to larger acreages harvested for both alfalfa and all other hay along with higher yields for alfalfa hay. Yields were down from a year earlier for all other hay. Alfalfa hay was harvested from 230,000 acres with an average yield of 3.90 tons per acre totalling 897,000 tons compared with 821,000 tons a year earlier. Other types of hay (largely wild or meadow hay) were cut from 300,000 acres compared with 285,000 in 1982. Slightly above average yields in 1983 resulted in a production of 405,000 tons. In 1982, other hay production was at the 428,000 ton level.

CROP VALUES

Value of selected crops produced in Nevada totaled \$157.9 million in 1983--up 15 percent from the 1982 value of \$136.7 million. Value increase was due mainly to higher prices as acreages harvested were only slightly larger than in 1982. Hay prices increased 6 percent, spring wheat 3 percent, barley 17 percent, alfalfa seed 10 percent, and potatoes 119 percent.

Value of the 1983 alfalfa seed crop decreased 3 percent as production was down 11 percent from 1982. Alfalfa seed yields averaged 450 pounds per acre compared with 350 in 1982. Hay, the States' most important crop, had a farm value of \$119.8 million and accounted for about 76 percent of the value of all crops harvested in 1983.

ACREAGE, PRODUCTION AND VALUE, NEVADA 1981-1983

Crop	Acres Harvested			Tons Produced			Values--Dollars		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
----- Thousands -----									
All grain. . .									
crops 1/ . .	61.0	61.0	52.0	95.1	118.1	103.1	10,894	12,893	12,239
Alfalfa seed . .	17.0	13.0	9.0	4.5	2.3	2.0	10,362	4,778	4,658
Cotton & seed: .	.9	.7	2/	1.0	.7	2/	489	365	2/
Potatoes . . .	12.0	13.0	12.0	174.0	204.8	186.0	17,052	10,647	21,204
All hay. . .	470.0	510.0	530.0	1,081.0	1,249.0	1,302.1	75,670	108,039	119,784
Total. . .	560.9	597.7	603.0	1,355.6	1,574.9	1,593.1	114,467	136,722	157,885
1/ Wheat & Barley. 2/ None planted.									

NEVADA AGRICULTURAL STATISTICS 1983

SUMMARY OF PRINCIPAL CROPS HARVESTED IN NEVADA, 1981-1983

SUMMARY OF PRINCIPAL CROPS HARVESTED IN NEVADA, 1981-1983							
Crop & Year	Acres		Production		Unit	Value of Production 1/	
	:Harvested:	Per Acre	: Total	:			
				: Per Unit		: Total	
	Thou.		Thou.		Dol.	Thou. Dol.	
Winter wheat :							
1981. :	15	70.0	1,050	Bu.	3.40	3,570	
1982. :	15	70.0	1,050	"	3.53	3,707	
1983. :	8	70.0	560	"	3.45	1,932	
Spring wheat :							
1981. :	16	50.0	800	"	3.40	2,720	
1982. :	14	60.0	840	"	3.53	2,965	
1983. :	10	70.0	700	"	3.65	2,555	
Barley :							
1981. :	30	55.0	1,650	"	2.79	4,604	
1982. :	32	80.0	2,560	"	2.43	6,221	
1983. :	34	80.0	2,720	"	2.85	7,752	
Alfalfa seed :							
1981. :	17.0	530	9,010	Lb.	1.15	10,362	
1982. :	13.0	350	4,550	"	1.05	4,778	
1983. :	9.0	450	4,050	"	1.15	4,658	
Cotton, lint 2/ :							
1981. :	.9	800	1.5	Bale	.60	432	
1982. :	.7	617	.9	"	.74	320	
1983 3/ :	---	---	---	"	---	---	
Cottonseed :							
1981. :	---	---	.6	Ton	95.00	57	
1982. :	---	---	.5	"	90.00	45	
1983 3/ :	---	---	--	"	---	--	
Potatoes :							
1981. :	12.0	290	3,480	Cwt.	4.90	17,052	
1982. :	13.0	315	4,095	"	2.60	10,647	
1983. :	12.0	310	3,720	"	5.70	21,204	
Alfalfa hay :							
1981. :	220	3.55	781	Ton	N/A	N/A	
1982. :	225	3.65	821	"	N/A	N/A	
1983. :	230	3.90	897	"	N/A	N/A	
All other hay :							
1981. :	250	1.20	300	"	N/A	N/A	
1982. :	285	1.50	428	"	N/A	N/A	
1983. :	300	1.35	405	"	N/A	N/A	
All hay :							
1981. :	470	2.30	1,081	"	70.00	75,670	
1982. :	510	2.45	1,249	"	86.50	108,039	
1983. :	530	2.46	1,302	"	92.00	119,784	

1/ Excludes all Government support payments. 2/ Yield is pounds of lint per acre, and price is per pound of lint. 3/ None planted.

STATISTICAL REPORTING SERVICE

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1982

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	29,000	4.00	116,000	4,500	2.20	9,900	125,900
Douglas	8,000	3.60	28,800	6,000	2.05	12,300	41,100
Humboldt.	36,000	3.70	133,200	47,000	1.60	75,200	208,400
Lyon.	32,000	4.10	131,200	5,500	2.20	12,100	143,300
Carson City	400	3.50	1,400	400	1.30	520	1,920
Pershing.	16,000	3.90	62,400	3,000	1.50	4,500	66,900
Storey.	100	3.50	350	100	1.40	140	490
Washoe.	10,000	3.90	39,000	8,000	2.00	16,000	55,000
District 1	131,500	3.90	512,350	74,500	1.75	130,660	643,010
Elko.	25,000	2.70	67,500	173,000	1.40	242,200	309,700
Eureka.	18,000	3.40	61,200	9,000	1.50	13,500	74,700
Lander.	11,000	2.70	29,700	15,000	1.40	21,000	50,700
White Pine.	13,000	2.70	35,100	5,000	1.70	8,500	43,600
District 3	67,000	2.89	193,500	202,000	1.41	285,200	478,700
Clark	5,000	5.90	29,500	500	2.30	1,150	30,650
Esmeralda	5,500	3.70	20,350	300	1.30	390	20,740
Lincoln	5,000	3.50	17,500	1,400	1.70	2,380	19,880
Mineral	3,000	4.20	12,600	300	1.40	420	13,020
Nye	8,000	4.40	35,200	6,000	1.30	7,800	43,000
District 8	26,500	4.35	115,150	8,500	1.43	12,140	127,290
State Total	225,000	3.65	821,000	285,000	1.50	428,000	1,249,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1983

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	30,000	4.40	132,000	4,000	1.90	7,600	139,600
Douglas	8,000	3.70	29,600	9,500	1.70	16,150	45,750
Humboldt.	37,000	3.90	144,300	55,000	1.50	82,500	226,800
Lyon.	34,000	4.30	146,200	6,000	2.00	12,000	158,200
Carson City	400	3.60	1,440	400	1.30	520	1,960
Pershing.	17,000	4.00	68,000	4,000	1.50	6,000	74,000
Storey.	100	3.60	360	100	1.20	120	480
Washoe.	10,000	4.00	40,000	10,000	1.60	16,000	56,000
District 1	136,500	4.12	561,900	89,000	1.58	140,890	702,790
Elko.	25,000	3.10	77,500	165,000	1.20	198,000	275,500
Eureka.	18,000	3.50	63,000	12,000	1.40	16,800	79,800
Lander.	11,000	3.20	35,200	16,000	1.40	22,400	57,600
White Pine.	13,000	2.90	37,700	7,000	1.60	11,200	48,900
District 3	67,000	3.19	213,400	200,000	1.24	248,400	461,800
Clark	5,000	6.30	31,500	600	2.50	1,500	33,000
Esmeralda	5,000	4.00	20,000	300	1.20	360	20,360
Lincoln	5,500	3.70	20,350	1,800	1.70	3,060	23,410
Mineral	3,000	4.35	13,050	300	1.30	390	13,440
Nye	8,000	4.60	36,800	8,000	1.30	10,400	47,200
District 8	26,500	4.59	121,700	11,000	1.43	15,710	137,410
State Total	230,000	3.90	897,000	300,000	1.35	405,000	1,302,000

NEVADA AGRICULTURAL STATISTICS 1983

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES,
BY COUNTIES, NEVADA 1980

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	27,000	4.30	116,100	2,300	1.10	2,530	118,630
Douglas	7,000	3.80	26,600	9,000	1.60	14,400	41,000
Humboldt	37,000	3.60	133,200	65,000	1.10	71,500	204,700
Lyon	32,000	3.80	121,600	2,600	1.60	4,160	125,760
Carson City	400	2.60	1,040	400	1.00	400	1,440
Pershing	12,000	3.70	44,400	2,900	1.30	3,770	48,170
Storey	100	3.00	300	100	1.00	100	400
Washoe	9,000	3.80	34,200	11,000	1.30	14,300	48,500
District 1	124,500	3.83	477,440	93,300	1.19	111,160	588,600
Elko	26,000	2.50	65,000	148,000	1.20	177,600	242,600
Eureka	16,000	2.80	44,800	12,000	1.30	15,600	60,400
Lander	11,000	3.00	33,000	14,000	1.20	16,800	49,800
White Pine	14,000	2.80	39,200	8,000	1.20	9,600	48,800
District 3	67,000	2.72	182,000	182,000	1.21	219,600	401,600
Clark	5,000	5.20	26,000	500	2.40	1,200	27,200
Esmeralda	4,200	3.80	15,960	300	.90	270	16,230
Lincoln	6,000	2.60	15,600	1,700	1.10	1,870	17,470
Mineral	1,300	4.00	5,200	200	1.00	200	5,400
Nye	7,000	4.40	30,800	7,000	1.10	7,700	38,500
District 8	23,500	3.98	93,560	9,700	1.16	11,240	104,800
State Total	215,000	3.50	753,000	285,000	1.20	342,000	1,095,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES,
BY COUNTIES, NEVADA 1981

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	28,000	4.20	117,600	3,000	1.60	4,800	122,400
Douglas	7,000	3.60	25,200	5,000	1.50	7,500	32,700
Humboldt	36,000	3.70	133,200	45,000	1.10	49,500	182,700
Lyon	32,000	3.90	124,800	4,000	1.70	6,800	131,600
Carson City	400	3.00	1,200	400	1.10	440	1,640
Pershing	15,000	3.80	57,000	2,900	1.20	3,480	60,480
Storey	100	3.00	300	100	1.00	100	400
Washoe	10,000	3.70	37,000	7,000	1.20	8,400	45,400
District 1	128,500	3.86	496,300	67,400	1.20	81,020	577,320
Elko	25,000	2.70	67,500	148,000	1.20	177,600	245,100
Eureka	17,000	2.80	47,600	8,000	1.30	10,400	58,000
Lander	11,000	2.80	30,800	14,000	1.10	15,400	46,200
White Pine	14,000	2.60	36,400	5,000	1.40	7,000	43,400
District 3	67,000	2.72	182,300	175,000	1.20	210,400	392,700
Clark	5,000	5.20	26,000	500	1.90	950	26,950
Esmeralda	5,500	3.80	20,900	300	1.10	330	21,230
Lincoln	5,000	3.30	16,500	1,600	1.30	2,080	18,580
Mineral	2,000	4.10	8,200	200	1.10	220	8,420
Nye	7,000	4.40	30,800	5,000	1.00	5,000	35,800
District 8	24,500	4.18	102,400	7,600	1.13	8,580	110,980
State Total	220,000	3.55	781,000	250,000	1.20	300,000	1,081,000

STATISTICAL REPORTING SERVICE

WINTER WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1983

Counties	: Acres Planted	: Acres Harvested	: Yield	: Production
	Acres		Bushels	
Churchill.	: 700	600	70.0	42,000
Eureka	: 500	400	65.0	26,000
Humboldt	: 3,500	3,000	70.0	210,000
Lyon	: 800	700	70.0	49,000
Pershing	: 2,300	2,100	75.0	157,500
All Others	: 1,200	1,200	62.9	75,500
State Total.	: 9,000	8,000	70.0	560,000

SPRING WHEAT: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1983

County	: Acres Planted	: Acres Harvested	: Yield	: Production
	Acres		Bushels	
Churchill.	: 1,300	1,000	70.0	70,000
Eureka	: 1,000	800	50.0	40,000
Humboldt	: 4,700	3,900	75.0	292,500
Lander	: 400	300	50.0	15,000
Lyon	: 600	500	70.0	35,000
Pershing	: 3,100	2,600	75.0	195,000
All Others	: 900	900	58.3	52,500
State Total.	: 12,000	10,000	70.0	700,000

BARLEY: ACREAGE PLANTED AND HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, NEVADA 1983

County	: Acres Planted	: Acres Harvested	: Yield	: Production
	Acres		Bushels	
Churchill.	: 3,500	3,100	80.0	248,000
Eureka	: 3,700	3,300	80.0	264,000
Humboldt	: 17,000	16,500	80.0	1,320,000
Lander	: 1,100	900	70.0	63,000
Lyon	: 3,600	3,200	80.0	256,000
Pershing	: 2,900	2,600	95.0	247,000
Washoe	: 1,100	900	80.0	72,000
White Pine	: 700	600	80.0	48,000
All Others	: 3,400	2,900	69.7	202,000
State Total.	: 37,000	34,000	80.0	2,720,000

NEVADA AGRICULTURAL STATISTICS 1983

ALFALFA SEED: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, 1977-83

Year : Humboldt : Pershing : All Other 1/ : Nevada Total

Acres Harvested Acres

1977 :	5,300	9,600	600	15,500
1978 :	6,000	10,000	1,000	17,000
1979 :	6,500	10,300	1,200	18,000
1980 :	6,000	10,000	1,000	17,000
1981 :	6,200	10,000	800	17,000
1982 :	4,500	8,000	500	13,000
1983 :	3,000	5,600	400	9,000
1984 :				

Yield Per Acre Pounds

1977 :	500	530	515	520
1978 :	275	415	405	365
1979 :	425	380	515	405
1980 :	400	480	450	450
1981 :	400	620	410	530
1982 :	300	380	320	350
1983 :	400	485	330	450
1984 :				

Production of Clean Seed Thousand of Pounds

1977 :	2,650	5,100	310	8,060
1978 :	1,650	4,150	405	6,205
1979 :	2,760	3,910	620	7,290
1980 :	2,400	4,800	450	7,650
1981 :	2,480	6,200	330	9,010
1982 :	1,350	3,040	160	4,550
1983 :	1,200	2,720	130	4,050
1984 :				

1/ Churchill, Lander, Lincoln, Nye, Washoe and White Pine.

SUMMARY OF SPECIALTY CROPS HARVESTED IN NEVADA, 1981-83

Crop & Year	Acres	Production		Unit	Value of Production	
	Harvested	Per Acre	Total		Per Unit	Total
	Acres		Tons		Dol.	Thou. Dol.
Garlic						
1981.	600	6.0	3,600	Ton	420.00	1,512
1982.	575	5.5	3,163	"	360.00	1,139
1983.	800	6.0	4,800	"	440.00	2,112
Onions						
1981.	600	20.0	12,000	Ton	195.00	2,340
1982.	550	23.0	12,650	"	200.00	2,530
1983.	500	21.0	10,500	"	210.00	2,205

STATISTICAL REPORTING SERVICE

WEATHER SUMMARY, 1982-1983

GENERAL: Precipitation for the water year October 1, 1982 through September 30, 1983 totaled 14.23 inches--nearly double normal and more than an inch more than a year earlier. Weather during the fall and winter season had mostly periods of frequent rain and snowstorms with only brief periods of clear skies. High winds accompanying the storms produced gusts exceeding 60 miles per hour. Precipitation was well above normal. Winter-like weather extended into the spring season with rain, snow showers, and gusty winds well into May. Some flooding occurred in the north and extreme south. Precipitation during the spring season was also above normal most areas. Unseasonably dry weather was experienced during the first half of the summer season with near record afternoon high temperatures. Thundershowers late in summer caused flash flooding in some localities. Temperatures during this period dropped below normal. Temperatures during the 1982-83 water year averaged 49.6 degrees which was slightly below both last year and normal. July has usually been the hottest month of the summer season but for the second consecutive year it has lost that rating to August which had an average of 70.4 degrees.

FALL 1982: October started like the previous month ended--with heavy rain throughout most of Nevada changing to snow at higher elevations. Varied weather including cold, sunshine, rain, hail, wind, and snow prevailed until about midmonth when skies cleared and temperatures returned to normal. Unseasonably cool weather dominated again near the end of October accompanied by above normal precipitation. Mostly dry weather with below normal temperatures characterized the first half of November. Abrupt weather changes at midmonth brought a taste of winter as snow blanketed most northern areas and rain the remainder of Nevada. Gusty winds were reported in the extreme south. Weekly storms dumped heavy snows at higher elevations and rain in valleys the last half of November. Temperatures moderated near the end of the month but weather was mostly cloudy and windy in most areas.

WINTER 1982: A vigorous winter storm moved into Nevada the beginning of December bringing winds in excess of 68 miles per hour with snow in the north and rain in the south. Despite stormy conditions, temperatures averaged several degrees above normal. Fair weather prevailed throughout the middle of the month. Northern areas fell victim to occasional periods of strong, gusty winds with light precipitation during the third week. In contrast, southern areas had mostly fair skies, light winds, and seasonable temperatures. Fair weather and light winds prevailed the remainder of December. Strong high pressure systems extended into the first three weeks of January. This produced mostly clear skies and little to no precipitation. Afternoon highs soared well above seasonal normals, but the clear skies also allowed temperatures to drop sharply at night. Cloud cover near the end of January lowered daytime temperatures and moderated night recordings. Snow was widespread in most northern areas with rain elsewhere at the end of the month. A series of cold fronts swept across Nevada early in February. Moderate to heavy precipitation was reported most areas. High pressure systems produced mostly dry conditions the second week. Sunshine during the day allowed temperatures to climb near normal. Several fast moving cold fronts passed through Nevada the last half of February with moderate to heavy precipitation most areas. Mostly rain fell in the valleys while snow was confined to higher elevations. High winds accompanying the storms produced gusts greater than 60 miles per hour. Temperatures during the last two weeks of February varied from slightly to well above normal most areas.

WEATHER SUMMARY, 1982-1983, cont.,

SPRING, 1983: Temperatures continued well above normal during the first half of March. A series of storm fronts brought precipitation to most areas. The combination of warm weather and heavy rains resulted in some flooding in the north and extreme south. Heavy snow accumulations produced extreme avalanche danger along the east slope of the Sierras. Temperatures dropped to normal midmonth and back to winter-like conditions at the end of March. April started with partly cloudy skies which helped keep average temperatures above normal. Unseasonably low temperatures predominated the middle two weeks of the month but mild weather returned by the end of April. Rain, snow showers, and gusty winds were widespread throughout April. Storm fronts and below normal temperatures brought a return to winter-like conditions during the first three weeks of May. Significant amounts of precipitation with rain, snow, and hail in the valleys and heavy snow at higher elevations were common during this period. A high pressure system at the end of May produced clear skies and a warming trend which brought average temperatures to near normal.

SUMMER, 1983: From winter to summer, spring was omitted. June started with sunny skies, temperatures well above normal, and only trace amounts of precipitation. Sunny weather the second week resulted in record or near record afternoon highs all areas. Scattered thundershowers were common midmonth mainly over northern areas with smaller amounts central. The far south remained dry. Temperatures were close to seasonal normals the last half of June. Light frosts were recorded in the northern third of Nevada. Snowmelt continued to flood low lying agricultural lands along major rivers in the northern and central areas. July was mostly cool and dry. Temperatures were near normal the beginning of the month but a series of cold fronts set the weather pattern the remainder of July. Precipitation was limited to trace amounts most of the month but gusty winds were created with the passage of each cold front. Thundershower activity became widespread near the end of July. August started with dry weather and near normal temperatures. Hot, dry winds by the end of the first week pushed temperatures near the century mark in all areas. Afternoon thunderstorms became widespread by midmonth. Temperatures were lowered to a little below normal by the widespread showers, bringing relief from the unseasonably hot weather most areas. Flash flood conditions were reported with several roads closed to traffic for a short time. Hardest hit was the extreme south. Gusty southwest winds tended to dry things out by the end of August. Dry weather extended into the first three weeks of September. Temperatures started above normal but quickly dropped to the first freezing recordings near midmonth. Temperatures moderated at the very end of the month and precipitation was widespread. Vegetative killing frosts were reported around September 21 and 22.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1983

	<u>1982</u>			<u>1983</u>										
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Total</u>	
	<u>Degrees</u>													
Temperature :														
1982-83 :	48.4	36.7	31.8	34.1	37.4	41.7	42.9	54.8	63.7	69.5	70.4	63.9	49.6	
Normal :	51.8	39.4	32.7	29.6	33.8	40.3	48.6	56.4	64.4	72.9	70.8	62.8	50.3	
Departure :	-3.4	-2.7	-.9	+4.5	+3.6	+1.4	-5.7	-1.6	-.7	-3.4	-.4	+1.1	-.7	
	<u>Inches</u>													
Precipitation:														
1982-83 :	1.16	1.32	.90	1.43	1.11	2.01	1.27	.44	.68	.12	2.56	1.23	14.23	
Normal :	.68	.68	.90	.94	.88	.81	.79	.77	.53	.47	.41	.39	8.25	
Departure :	+.48	+.64	0	+.49	+.23	+1.20	+.48	-.33	+.15	-.35	+2.15	+.84	+5.98	

STATISTICAL REPORTING SERVICE

NEVADA STATE DEPARTMENT OF AGRICULTURE 1983 AERIAL AND GROUND PEST CONTROL SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted to this Department by the 1983 custom aerial pest control licensees. Its accuracy is based on these monthly reports and the data therein does not constitute approval or recommendations by this Department or the Statistical Reporting Service.

Pesticide Use (Aerial Application) 1983

ALFALFA HAY (49,680 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Alfalfa Hay	2,4-D	1 qt.	889
"	"	2 qts.	40
Alfalfa Weevil	Furadan	1/2 pt.	1,480
"	"	3/4 pt.	3,400
"	"	1 pt.	3,926
"	"	1 1/2 pts.	40
Alfalfa Weevil	Malathion	1 1/2 oz.	510
"	"	1 qt.	140
Alfalfa Weevil	Methyl Parathion	1 1/2 oz.	200
Alfalfa Weevil	"	1/4 pt.	151
"	"	1/2 pt.	473
"	"	1 pt.	575
Alfalfa Weevil	Sevin	1 qt.	240
Alfalfa Weevil	Thimet	9.5 lbs.	321
"	"	10 lbs.	1,225
"	"	13 lbs.	1,095
Alfalfa Weevil/Aphids	Furadan/Cygon	1 pt./ 1/2 pt.	1,107
"	"	1 pt./ 1 pt.	2,455
Alfalfa Weevil/Aphids	Furadan/Methyl/Parathion	1/2 pt./ 1/2 pt.	693
Alfalfa Weevil/Aphids/ Army Cutworms	Methyl Parathion	4/5 pt.	200
Alfalfa Weevil/ Blue Aphid	Methyl Parathion/Sevimol	1/2 pt./ 1/2 pt.	1,090
Aphids	Furadan/Methyl Parathion	1/2 pt./ 1/2 pt.	180
"	Cygon	1 pt.	8,827
Aphids	"	1 1/2 pts.	120
Aphids	Cygon/Furadan	1 pt./ 1 pt.	820
Aphids	Cygon/Parathion	1 pt./ 6 oz.	3,228
Aphids	Lorsban	1 pt.	42
Aphids	Malathion	1/2 pt.	200
"	Methyl Parathion	6 oz.	511
"	"	1/2 pt.	584
Aphids	Parathion	6 oz.	559
"	"	3/4 pt.	100
Aphids	Phosdrin	1/2 pt.	70
"	Systox	1/6 pt.	1,822
"	"	1 pt.	105
Aphids/Thrips	Cygon	1 pt.	78
"	Methyl Parathion	1 1/2 pts.	10
Blue Aphid	Methyl Parathion	1/2 pt.	180
Broadleaf Weeds	2,4-DB	3/4 pt.	600
"	"	3.4 pts.	12

NEVADA AGRICULTURAL STATISTICS 1983

ALFALFA HAY
(Cont'd.)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-DB	3.9 pts.	511
"	"	1 1/2 qts.	184
"	"	2 qts.	25
Cutworm	Sevin Bait	30 lbs.	150
Foxtail	Sencor	1 1/4 pts.	31
Mustard	2,4-DB	1 3/4 qts.	35
Mustard/White Top	Paraquat	1 qt.	225
Thrips	Methyl Parathion	1/2 pt.	1,157
Thrips	Parathion	6 Oz.	551
Thrips	Phosdrin	1/2 pt.	179
Weeds	Lexone	1 pt.	290
Weeds	Sencor	1 pt.	243
Weeds	Simazine	1 3/4 lbs.	2,630
Weeds/Grasses	Paraquat/Sencor	1 1/2 qts./ 1 pt.	200
Weeds/Grasses	Velpar	2 qts.	90
Winter Weeds	Paraquat	1 qt.	6
Winter Weeds	Princep	1 lb.	120
"	"	1 1/2 lbs.	1,395
Alfalfa Weevil	Furadan	1 pt.	307
Aphids	Parathion	6 oz.	3,053

ALFALFA SEED
(22,223 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Alfalfa Weevil	Cygon	1 1/4 pts.	305
Alfalfa Weevil	Furadan	1 1/2 pts.	48
"	"	1 qt.	640
"	Methyl Parathion	1/2 pt.	62
Alfalfa Weevil	Systox	1/3 pt.	300
"	Thimet	13 lbs.	120
Alfalfa Weevil/Aphids	Furadan/Cygon	1 pt./ 1 pt.	145
"	"	1 qt./ 3/4 pt.	260
Alfalfa Weevil/Aphids	Methyl Parathion	1/2 pt.	70
"	Supracide/Systox	1 1/2 qts./ 1 pt.	115
Alfalfa Weevil/Lygus	Methyl Parathion	4/5 pt.	480
Alfalfa Weevil/Mustard	Methyl Parathion/ 2,4-DB	1 1/2 pts./ 1 qt.	150
Aphids	Cygon	1 pt.	407
"	Dibrom	1 pt.	370
Aphids	Metasystox-R	1 qt.	1,410
"	Dibrom	1 pt.	110
Aphids	Phosdrin	1 pt.	115
Aphids	Pirimor	4 oz.	180
"	"	5 oz.	285
"	"	6 oz.	1,532
Aphids	Systox	1 pt.	35
Aphids/Lygus	Dibrom	.8 pt.	175
"	"	1 pt.	168
Aphids/Lygus	Furadan	1 qt.	1,200
Aphids/Lygus	Phosdrin	1 pt.	78
"	Supracide	1 qt.	480
"	Systox/Dylox	1 pt./ 1 1/2 lbs.	733

STATISTICAL REPORTING SERVICE

ALFALFA SEED
(Cont'd.)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids/Lygus	Systox/Dylox/Dibrom	1 pt./ 1 1/4 lbs./ 1/4 pt	515
"	Systox/Malathion	1 pt./ 1 pt.	90
"	"	1 pt./ 1 1/2 pts.	228
Aphids/Lygus	Systox/Supracide	1 pt./ 1 1/2 qts.	890
Broadleaf Weeds	2,4-DB	1 1/2 qts.	184
Broadleaf Weeds	MCPA	1/2 pt.	20
Broadleaf Weeds	Velpar	1 1/2 qts.	80
Desiccate	Contact	2 qts.	90
Desiccate	"	3 qts.	169
Desiccate	Des-I-Cate	1 1/4 gals.	709
"	"	1 1/2 gals.	488
"	Dinitro	1 1/2 qts.	1,499
"	Dinitro	2 qts.	184
"	Dinoseb	1 1/2 qts.	550
Desiccate	Diquat	1 pt.	370
"	"	1 qt.	200
Dodder	CIPC	20 lbs.	425
"	"	25 lbs.	70
"	"	30 lbs.	490
Grain/Grasses	CIPC	1 gal.	150
Lygus	Dibrom	1/2 pt.	150
"	"	1 pt.	268
"	Dibrom/Dylox	1/3 pt./ 3/4 lb.	46
"	"	.4 pt./ 1.6 lbs.	340
"	"	3/8 pt./ 1 1/4 lbs.	75
"	"	1/2 pt./ 17/8 lbs.	323
"	"	.9 pt./ 1.4 lbs.	35
Lygus	Dylox	1 lb.	155
Lygus	Dylox/Phosdrin	3/4 lb./ 1 pt.	70
Lygus	Methyl Parathion	3/4 pt.	195
"	"	1 1/2 pts.	150
Lygus	Phosdrin	1 pt.	940
"	"	1 1/4 pts.	275
"	Supracide	2 qts.	118
Lygus	Thiodan	1 1/2 qts.	470
"	"	2 qts.	770
Spidermites	Comite	1 qt.	544
Spidermites	Kelthane	2 qts.	320
Thrips	Parathion	6 oz.	155
Weeds	IPC	20 lbs.	80
Alfalfa Weevil	Furadan	1 pt.	1,053
Aphids	Phosdrin	1 1/2 pts.	670
Aphids	Pirimor	1 lb.	335
"	Supracide	1 qt.	1,435
"	Systox	1/3 pt.	788
Broadleaf Weeds	2,4-DB	1 qt.	384
Dodder	CIPC	17 lbs.	5,298
Lygus	Furadan	1 qt.	2,158

NEVADA AGRICULTURAL STATISTICS 1983

BARLEY
(5,798 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Alfalfa Hay/Mustard	2,4-D	1 1/2 pts.	33
Black Grass Bugs	Malathion	1 1/2 oz.	63
Broadleaf Weeds	Dicamba/2,4-D	1/8 pt./ 3/4 pt.	45
Broadleaf Weeds	2,4-D	1 pt.	683
"	"	1 1/2 pts.	1,297
"	"	1 qt.	1,971
Broadleaf Weeds	2,4-DB	1 1/2 qts.	437
Broadleaf Weeds	MCPA	1 pt.	423
"	"	1 1/2 pts.	55
Broadleaf Weeds/Mustard	2,4-D	1 1/2 pts.	450
Mustard	2,4-D	3/4 pt.	275
"	"	1 pt.	66
Aphids	Systox	1/3 pt.	70
Broadleaf Weeds	2,4-D	1 pt.	693
Broadleaf Weeds	2,4-D	1 qt.	136

BROCCOLI SEED
(2 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids/Lygus/Thrips	Sevin	1 lb.	2

CABBAGE SEED
(2 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids/Lygus/Thrips	Sevin	1 lb.	2

CARROT SEED
(13 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Armyworms	Dylox	1 lb.	4
"	"	2 lbs.	4
Desiccate	Dinitro	1 1/2 qts.	5

CLOVER
(357 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Systox	1/3 pt.	90
Aphids	Systox	1 pt.	40
Desiccate	Dinitro	1 1/2 qts.	42
"	Dinitro	2 qts.	110
"	"	2 1/2 qts.	75

CORN
(386 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D	1 1/2 pts.	149
Corn Earworm	Sevin	2 lbs.	5

STATISTICAL REPORTING SERVICE

CORN (Cont'd.)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Corn Earworm	Sevin	2 1/2 lbs.	10
Broadleaf Weeds	2,4-D	1 qt.	222

FALLOW (50 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D	1 1/2 pts.	50

DITCHES (30 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-DB	1 qt.	30

GARLIC (611 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	Paraquat	2 qts.	30
Cutworms	Toxaphene	3 qts.	26
Thrips	Sulfur/Methyl Parathion	3 lbs./ 1/2 pt.	55
Winter Weeds	Paraquat	1 1/2 qts.	500

GRAIN (1,024 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Alfalfa	2,4-D	3/4 Pt.	17
Broadleaf Weeds	2,4-D	1/2 pt.	47
Broadleaf Weeds	2,4-D	3/4 pt.	880
Mustard	2,4-D	1 qt.	80

LETTUCE (66 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids/Lygus	Sevin	1 lb.	7
Aphids/Lygus/Thrips	Sevin	1 lb.	5
"	Phosdrin/Parathion	1/2 pt./ 1/4 pt.	10
Leafhopper/Mites/ Looper	Thiodan	1 qt.	10
Loopers/Armyworms	Dipel	1 lb.	10
Loopers/Lygus	Phosdrin	1/2 pt.	10
Loopers/Lygus	Thiodan	1 1/2 pts.	10
Lygus	Malathion/Phosdrin	1 pt./ 6 oz.	4

NEVADA AGRICULTURAL STATISTICS 1983

MEADOW
(583 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds/ Sunflowers	2,4-D	1 1/3 pt.	400
Cattails	Amitrol	5 gals.	5
Wild Rosebushes	2,4-D	2 qts.	108
Willows	2,4-D	2 qts.	70

MINT
(1,321 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Cutworm/Root Borer	Lorsban	2 qts.	185
Looper	Lannate	2 qts.	200
Spidermites	Comite	1 1/8 qts.	140
Spidermites	Parathion	1 pt.	210
Weeds	Sinbar	3/4 lb.	265
Weeds	Sinbar	1 lb.	321

MOSQUITOES
(86,709 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Adults	Malathion	1.6 oz.	1,300
"	"	3 oz.	20,824
"	"	.8 pt.	600
"	"	1/4 lb.	150
Adults	Malathion/Baytex	1.6 oz./ 1/2 oz.	800
Adults	Parathion	1.2 oz.	7,715
"	"	1/10 lb.	1,000
Adults	Parathion/Malathion	1.2 oz./ 1.6 oz.	800
Adults	BTI	1 1/2 pts.	1,400
Adults	Dibrom	.75 oz.	44,000
Adults	Parathion	1/10 lb.	8,120

NON-CROPLAND
(105 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Dock	2,4-D	2 qts.	60
Elm Tree/ Elm Beetles	Methoxychlor	2 1/2 lbs.	5
Bulrush	Rodeo	1 qt.	40

OATS
(189 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D	1 1/2 pts.	123
Broadleaf Weeds	2,4-D	1 qt.	66

STATISTICAL REPORTING SERVICE

ONIONS (2,638 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Desprout	MH 30	3 1/3 lbs.	26
Fungi	Ridomil	2 lbs.	96
Fungi	Ridomil/Bravo	2 lbs./ 2 qts.	130
Thrips	Malathion	1 pt.	26
"	"	1 1/2 pts.	26
Thrips	Methyl Parathion	3/4 pt.	218
"	"	1 pt.	1,007
Thrips	Methyl Parathion/Sulfur	1/2 pt./ 13 lbs.	38
Thrips	Methyl Parathion/Toxaphene	1 1/2 pts./ 1 qt.	528
Thrips	Phosdrin	8 oz.	50
Thrips	Phosdrin/Parathion	1/2 pt./ 5 oz.	29
Thrips	Sulfur	2 lbs.	15
Thrips	Sulfur/Parathion	2 1/2 lbs./ 1/2 pt.	45
"	"	3 lbs./ 1/2 pt.	50
"	"	4 lbs./ 6 oz.	236
"	"	5 lbs./ 6 oz.	114
Thrips/Blight	Parathion/Manzate	1 qt./ 1 1/3 qts.	4

PASTURE (1,820 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	1 pt.	40
Canada Thistle	2,4-D	1 qt.	260
Wild Iris	Banvel	4 oz.	480
Wild Iris	2,4-D	1 1/2 pts.	480
Wild Iris/Thistle	Banvel	2 oz.	240
Wild Iris/Thistle	2,4-D	1 1/2 pts.	240
Willows	2,4-D	2 lbs.	80

POTATOES (35,995 Total Acres Treated)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids/Blight	Maneb/Du-ter	1 qt./ 1/2 pt.	130
Aphids/Blight	Thiodan/Bravo	1 1/2 pts./ 1.8 pts.	620
Aphids/Blight	Thiodan/Dithane	1 1/2 pts./ 1 qt.	4,875
Aphids/Blight	Thiodan/Maneb	1 1/2 pts./ 1 qt.	510
Aphids/Blight	Thiodan/Maneb/Duter	1 1/2 pts./ 1 qt./ 1/2 pt.	640
Blight	Bravo	1 pt.	160
"	"	1 qt.	305
Blight	Difolitan/Solabar	1 qt./ 1 lb.	320
Blight	Dithane	1 qt.	130
"	"	2 qts.	6,003
Blight	Du-ter	16 oz.	650
Blight	Maneb/Du-ter	1 1/2 pts./ 1/2 pt.	320
Blight	Manzate	1 qt.	272
"	"	1 1/2 qts.	130
Blight/Growth/ Regulator	Bravo/MH 30	1 qt./ 1 gal	217
Blight/Loopers	Maneb/Thiodan	1/4 pt./ 1 1/2 pts.	130
Broadleaf Weeds	Sencor/Prowl	1 pt./ 1 pt.	160

NEVADA AGRICULTURAL STATISTICS 1983

POTATOES
(Cont'd.)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Desiccate	Contact	2 qts.	380
"	"	3 qts.	80
Desiccate	Des-I-Cate	1 1/4 gals.	380
Desiccate	Dinitro	1 1/2 qts.	4,005
Desiccate	Dinoseb	1 qt.	400
Early Blight	Bravo	1 qt.	435
Early Blight	Difolatan	1 qt.	160
Early Blight/Aphids	Difolatan/Thiodan	1 qt./ 1 1/2 pts.	160
"	Maneb/Thiodan	1 qt./ 1 1/2 pts.	160
Growth Regulator	Cytex	2 qts.	684
Growth Regulator	MH 30	1 gal.	919
"	"	1 1/4 gals.	250
Leafhoppers	Cygon	1 pt.	80
Thrips	Dithane/Lorsban	1 qt./ 1 qt.	85
Weeds	Sencor	1 pt.	541
"	"	1 1/2 pts.	1,939
Weeds	Sencor/Prowl	1 pt./ 1 1/2 pts.	377
"	"	1 pt./ 1 qt.	4,673
"	"	1 pt./ 1 1/2 qts.	130

RADISH SEED
(64 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids/Lygus/Thrip	Sevin	1 lb.	13
Weeds	2,4-DB	1 1/8 pts.	51

RANGELAND
(8,773 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Larkspur	2,4,5-T	2 qts.	180
Leafy Spurge	Tordon	1 qt.	10
Rabbitbrush	2,4-D	3 lbs.	620
Sagebrush	2,4-D	2 lbs.	2,520
"	"	1/3 gal.	1,135
"	"	2 qts.	550
Sagebrush	Graslan	3 lbs.	200
"	"	3.5 lbs.	200
"	"	4 lbs.	200
Sagebrush/Weeds	2,4-D	2 lbs.	2,058
Thistle	2,4-D	3 lbs.	60
Willows	Dicamba/2,4-D	2/3 pt./ 1 qt.	60
Willows	2,4-D	2 lbs.	80
Wyethia	2,4-D	2 lbs.	900

WHEAT
(6,054 Total Acres Treated)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Systox	1 pt.	140
Aphids/Mustard	Parathion/2,4-D	1 1/2 pts./ 1 pt.	300
Broadleaf Weeds	2,4-D	1/2 pt.	331

STATISTICAL REPORTING SERVICE

WHEAT
(Cont'd.)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	2/3 pt.	50
"	"	3/4 pt.	8
"	"	1 pt.	1,016
"	"	1 1/2 pts.	791
"	"	1 qt.	1,570
"	"	1 1/2 qts.	73
Broadleaf Weeds	2,4-DB	1 pt.	270
Broadleaf Weeds	MCPA	1 1/2 pts.	40
Clover	2,4-DB	1 pt.	160
Mustard	2,4-D	1 1/2 pts.	90
Rust	Bayleton	1/2 oz.	100
Rust/Aphids	Bayleton/Systox	1/2 pt./ 1 pt.	100
Weeds	MCPA	1 pt.	1,015
Broadleaf Weeds	2,4-D	1 pt.	481
Broadleaf Weeds	2,4-D	1 qt.	92

NEVADA AGRICULTURAL STATISTICS 1983

PESTICIDE USE (Ground Application) 1983

ALFALFA HAY
(4,871 TOTAL ACRES TREATED)

<u>PEST/USE</u>	<u>PESTICIDE</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Weeds	2,4-D	1 QT.	4
Weeds	2,4-DB	1 QT.	32
Weeds	2,4-DB	1 1/2 QTS.	136
Aphids	Diazinon	3/4 LB.	46
Aphids	Diazinon	1 LB.	128
Broadleaf Weeds	Dinitro	1 1/4 PTS.	27
Winter Weeds	Karmex	1/2 LB.	100
Weeds	Karmex	1 LB.	3
Aphids	Methyl Parathion	1/2 PT.	130
Winter Weeds	Paraquat	1 QT.	2,795
Grasses	Paraquat	1 1/2 QTS.	50
Winter Weeds	Princep	1 1/4 LBS.	38
Winter Weeds	Princep	1 1/2 LBS.	367
Winter Weeds	Princep	2 LBS.	60
Winter Weeds	Round-Up	1 QT.	40
Grasses	Sencor	1 PT.	520
Weeds	Sencor	1 LB.	173
Winter Weeds	Velpar	1/2 LB.	22
Winter Weeds	Velpar	1 LB.	200

ALFALFA SEED
(155 TOTAL ACRES TREATED)

Defoliation	Dinitro	1 1/2 QTS.	155
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BARLEY
(1,171 TOTAL ACRES TREATED)

Broadleaf Weeds	Brominal	.92 PT.	390
Defoliation	Dinitro	1/2 GAL.	25
Weeds	2,4-D	1 PT.	164
Weeds	2,4-D	1 1/2 PTS.	580
Weeds	2,4-D	1 QT.	12

BEEF
(2,140 TOTAL HEAD TREATED)

Mites/Lice	Coumaphos (Bulls)	.38 (dip vat conc.)	263
Mites/Lice	Coumaphos (Cows & Heifers)	.38 (dip vat conc.)	1,686
Mites/Lice	Coumaphos (Steers)	.38 (dip vat conc.)	191

STATISTICAL REPORTING SERVICE

PESTICIDE USE (Ground Application) 1983

CORN (85 TOTAL ACRES TREATED)

PEST/USE	PESTICIDE	RATE/ACRE	ACRES
Weeds	2,4-D	1 PT.	6
Weeds	2,4-D	1 QT.	79

DITCHES (31.5 TOTAL ACRES TREATED)

Broadleaf Weeds	Amitrole	1 QT.	8
Weeds	Round-Up	1/2 GAL.	1
Broadleaf Weeds	2,4-D	1/2 PT.	8
Weeds	2,4-D	1/2 GAL.	6.5
Willows	2,4-D	1/2 GAL.	6
Willows	2,4-D	1 GAL.	1
Willows	2,4-D	2 GALS.	1

FALLOW GROUND (214 TOTAL ACRES TREATED)

Weeds	Bladex	1 QT.	30
Weeds	Paraquat	1 OT.	38
Weeds	Pramitol	3/4 LB.	1
Broadleaf Weeds/ Grasses	Round-Up	1/2 GAL.	62
Broadleaf Weeds/ Grasses	Round-Up	2 3/4 OTS.	32
Broadleaf Weeds	2,4-D	1/2 PT.	6
Weeds	2,4-D	1 QT.	2
Weeds	2,4-D	1/2 GAL.	43

FIELD BORDERS (15 TOTAL ACRES TREATED)

Weeds	Round-Up	1/2 GAL.	8
Weeds	2,4-D	1/2 GAL.	7

OATS (432.5 TOTAL ACRES TREATED)

Broadleaf Weeds	2,4-D	1 PT.	32.5
Broadleaf Weeds	2,4-D	1 1/2 PTS.	400

ONIONS (132 TOTAL ACRES TREATED)

Weeds	Goal	1 PT.	132
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NEVADA AGRICULTURAL STATISTICS 1983

PESTICIDE USE (Ground Application) 1983

PASTURE
(31.2 TOTAL ACRES TREATED)

<u>PEST/USE</u>	<u>PESTICIDE</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Weeds/Grasses	Amitrole	1 GAL.	10
Weeds	2,4-D	1 QT.	14
Weeds	2,4-D	1/2 GAL.	7.2

RAILROADS
(2,221.25 TOTAL ACRES TREATED)

Weeds	Atrazine/Atratro1 90	4 1/2 LBS./ 4 LBS.	189
Weeds	Atrazine/Karmex	4 1/2 LBS./ 4 LBS.	679
Weeds	Atrotol 90/Karmex	4 LBS./ 4 LBS.	260
Weeds	2,4-D/Banvel	1/2 GAL./ 1/2 GAL.	492
Weeds	Atrazine/Oust/Karmex	4 1/2 LBS./4 OZ./4 LBS.	11
Weeds	Atrazine/Atratro1/Karmex	3 LBS./ 4 1/2 LBS./4LBS.	93
Weeds	Atrazine/Atratro1 90/ Oust/Karmex	4 1/2 LBS./ 4 LBS./ 2 OZ./ 4 LBS.	296
Weeds	2,4-D/Banvel/Garlon/ 2,4-DB	1 GAL./ 1/2 GAL./ .069 GAL./ 20 OZ.	29
Weeds	Round-UP	3/4 GAL.	172.25

ROADS
(2 TOTAL ACRES TREATED)

Weeds	2,4-D	1/2 GAL.	2
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RYE
(15 TOTAL ACRES TREATED)

Weeds	2,4-D	1 PT.	15
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WHEAT
(81 TOTAL ACRES TREATED)

Broadleaf Weeds	2,4-D	2/3 PT.	60
Broadleaf Weeds	2,4-D	1 PT.	16
Broadleaf Weeds	2,4-D	1 1/2 PTS.	5

NEVADA AGRICULTURAL STATISTICS 1983

LIVESTOCK SUMMARY

Nevada's cattle cycle reversed the short-lived downward swing with a slight increase. Total cattle and calves on January 1, 1984, at 660,000 head, was up 2 percent from a year earlier. Beef cows totaled 329,000 head at the beginning of 1984--up 1 percent from the preceding year. Milk cows increased to 17,000 head in 1984. Beef heifers over 500 pounds showed a 2 percent decrease from the previous year while no change was reported for milk replacement heifers. Steers weighing over 500 pounds held steady at 38,000 head. Calves (less than 500 pounds) changed from 176,000 head in 1983 to 183,000 at the beginning of 1984.

Sheep and lambs totaled 103,000 head January 1, 1984--down 6 percent from the preceding year. Sheep numbers were at a peak level of over 1,300,000 in 1920. Stock sheep were estimated at 92,000 head at the beginning of the year. Lambs on feed totaled 11,000 head on January 1, 1984. Ewe lambs decreased from 13,000 to 11,000 head while ewes one year old and older went from 86,000 to 78,000 head.

LIVESTOCK ON FARMS, JANUARY 1, 1982-1984

Species	NEVADA				UNITED STATES 1/			
	1982	1983	1984	84 as % of 83	1982	1983	1984	84 as % of 83
	- Thousand Head -	- Thousand Head -	- Thousand Head -	Pct.	- Thousand Head -	- Thousand Head -	- Thousand Head -	Pct.
Cattle & Calves.	700	650	660	102	115,604	115,199	114,040	99
Cows that calved	375	341	346	101	50,331	49,154	48,800	99
Beef Cows.	359	325	329	101	39,319	38,079	37,660	99
Milk Cows.	16	16	17	106	11,012	11,076	11,140	101
Heifers 500 lb+.	83	77	75	97	18,328	18,830	18,598	99
Beef Repl.	57	52	51	98	6,615	6,343	6,195	98
Milk Repl.	8	7	7	100	4,532	4,533	4,541	100
Other Heifers.	18	18	17	94	7,181	7,954	7,862	99
Steers 500 lb+.	42	38	38	100	15,501	16,225	16,391	101
Bulls 500 lb+.	20	18	18	100	2,618	2,615	2,550	98
Calves under 500 lb. . .	180	176	183	104	28,827	28,375	27,701	98
Sheep & Lambs.	129	110	103	94	12,966	12,026	11,411	95
On feed	13	8	11	138	1,564	1,641	1,708	104
Stock Sheep	116	102	92	90	11,402	10,385	9,703	93
Lambs	19	14	12	86	2,248	1,747	1,544	88
Ewes.	18	13	11	85	1,805	1,407	1,228	87
Wethers & Rams. . .	1	1	1	100	422	340	316	93
1 year & over	97	88	80	91	9,304	8,639	8,159	94
Ewes.	95	86	78	91	8,788	8,267	7,820	95
Wethers & Rams. . .	2	2	2	100	323	372	339	91
HOGS & PIGS 2/.	13	14	14	100	58,688	53,935	55,819	103

1/ May not add due to rounding.

2/ December 1, preceding year.

NEVADA : VALUE PER HEAD AND TOTAL VALUE, JANUARY 1, 1982-84

Species	Value Per Head			Total Value		
	1982	1983	1984	1982	1983	1984
	Dollars			Thousands		
Cattle and Calves.	340.00	360.00	385.00	238,000	234,000	254,100
Sheep & Lambs.	64.50	62.00	66.50	8,321	6,820	6,850
Hogs & Pigs 1/.	64.00	91.50	88.50	832	1,281	1,239
Total 3 species	--	--	--	247,153	242,101	262,189

1/ December 1, preceding year.

STATISTICAL REPORTING SERVICE

FARM VALUES

Inventory numbers were well below last year for sheep and lambs, while a slight increase was shown for cattle and calves. Per head values were up for cattle and calves, and sheep and lambs.

Higher per head values more than offset decreases in inventory numbers as inventory value of \$262 million was 8 percent above a year earlier. Cattle and calves were valued at \$254 million, sheep and lambs at \$6.9 million, and hogs and pigs at \$1.2 million.

CATTLE AND CALVES ON FARMS AND RANCHES BY COUNTIES, NEVADA, JANUARY 1, 1979-84

County	1979	1980	1981	1982	1983	1984
	Number of Head					
Carson City	1,000	1,000	1,400	1,300	1,200	1,200
Churchill	61,000	60,000	68,000	77,000	78,000	75,000
Douglas	16,000	18,000	18,000	22,000	22,000	22,000
Humboldt.	64,000	65,000	70,000	90,000	75,000	74,000
Lyon.	45,000	53,000	53,000	60,000	60,000	59,000
Pershing.	26,000	30,000	29,000	32,000	29,000	30,000
Storey.	100	100	100	100	100	100
Washoe.	28,000	26,000	36,000	38,000	34,000	34,000
Northwestern District	241,100	253,100	275,500	320,400	299,300	295,300
Elko.	185,000	187,000	195,000	210,000	195,000	190,000
Eureka.	34,000	33,000	40,000	41,000	39,000	39,000
Lander.	24,000	27,000	27,000	25,000	24,000	28,000
White Pine.	26,000	27,000	31,000	32,000	30,000	32,000
Northeastern District	269,000	274,000	293,000	308,000	288,000	289,000
Clark	12,000	15,000	14,000	13,000	10,000	17,000
Esmeralda	5,900	5,900	7,500	5,600	5,000	9,000
Lincoln	15,000	16,000	18,000	19,000	16,700	20,000
Mineral	4,000	4,000	4,000	4,000	4,000	4,700
Nye	28,000	27,000	28,000	30,000	27,000	25,000
Southern District	64,900	67,900	71,500	71,600	62,700	75,700
Nevada.	575,000	595,000	640,000	700,000	650,000	660,000

NEVADA AGRICULTURAL STATISTICS 1983

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1984 were estimated at 27,000 head--17 percent more than the preceding year but well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED IN NEVADA FEEDLOTS ON JANUARY 1

Item	: 1981	: 1982	: 1983	: 1984	: 1984 as % of 1983
	----- Thousand Head -----				----- Percent -----
Number on feed for slaughter market	: 22	24	23	27	117

RANGE AND PASTURE CONDITION

Data in the following table relate to the condition of pastures and ranges near the first of each month and are expressed as a percentage of normal. Normal, in this case equals 100. Since range grasses in Nevada are ordinarily not irrigated the amount of grazing available each year is dependent upon snow melt in spring and infrequent showers during the summer and fall months. The table shows years of drought conditions which occurred in 1972, 1974, 1976, 1977, and again in 1981.

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA 1967-1984

Year	: April	: May	: June	: July	: August	: September	: October	: November	: December
1967	79	73	83	93	93	91	87	86	*
1968	84	78	81	79	76	81	83	77	*
1969	80	84	89	91	88	86	86	86	*
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60	65	66	67
1982	88	90	90	86	87	95	93	99	**
1983	92	91	102	97	99	102	102	105	**
1984	88	95	84	89	88	95			

* Data not available prior to 1972.

** Discontinued December 1982.

STATISTICAL REPORTING SERVICE

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1975-83

Year	All Cattle Jan. 1	Calves Born	Inship- ments	Marketings		Farm Slaugh- ter	Deaths	
				Cattle	Calves		Cattle	Calves
Thousand Head								
1975 . . .	657	285	46	175	125	3	14	20
1976 . . .	651	260	44	185	130	5	11	13
1977 . . .	611	250	44	170	117	5	11	17
1978 . . .	585	245	40	159	107	5	9	15
1979 . . .	575	260	40	151	102	5	8	14
1980 . . .	595	280	45	149	102	5	9	15
1981 . . .	640	290	30	134	92	5	11	18
1982 . . .	700	290	20	193	131	5	11	20
1983 . . .	650	295	25	162	109	5	12	22
1984 . . .	660							

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1975-83

Year	Sheep & Lambs Jan. 1	Lambs Saved	Inship- ments	Marketings		Farm Slaugh- ter	Deaths	
				Sheep	Lambs		Sheep	Lambs
Thousand Head								
1975 . . .	151	110	192	9	252	3	17	19
1976 . . .	153	102	114	12	185	3	16	20
1977 . . .	133	96	69	7	130	3	10	23
1978 . . .	125	96	68	8	121	3	13	19
1979 . . .	125	94	68	12	124	3	10	16
1980 . . .	122	93	68	6	110	3	9	21
1981 . . .	134	97	140	13	199	3	10	17
1982 . . .	129	92	159	18	221	3	10	18
1983 . . .	110	85	190	15	241	3	7	16
1984 . . .	103							

HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1975-83

Year	Hogs & Pigs 1/ Dec. 1	Pig Crop 1/ Dec.-May	Inship- ments June-Nov	Market- ings	Farm Slaugh- ter	Deaths
Number of Head						
1975 . . .	11,000	7,000	6,500	100	14,000	800
1976 . . .	9,000	6,300	5,900	100	11,800	800
1977 . . .	8,000	7,700	7,500	100	12,700	900
1978 . . .	9,000	8,900	7,000	100	13,200	1,000
1979 . . .	10,000	9,800	8,400	100	15,300	1,000
1980 . . .	11,000	9,100	9,000	100	15,200	1,000
1981 . . .	12,000	9,100	9,100	---	15,200	1,000
1982 . . .	13,000	9,100	10,000	---	16,800	500
1983 . . .	14,000	11,000	11,000	---	20,700	400
1984 . . .	14,000					

1/ December 1 of preceding year.

NEVADA AGRICULTURAL STATISTICS 1983

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA 1975-83

Year	Production	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	Thousand Pounds			1/	Thousand Dollars	
1975.	190,220	224,608	57,992	68,812	1,056	69,863
1976.	175,325	234,517	58,960	78,594	2,118	80,712
1977.	171,535	214,437	61,462	76,553	2,265	78,818
1978.	173,310	199,507	88,511	101,376	3,317	104,693
1979.	185,725	190,205	126,177	128,402	3,919	132,321
1980.	196,755	190,333	125,724	121,043	3,138	124,181
1981.	197,965	168,010	105,697	89,395	2,932	92,327
1982.	209,305	262,015	100,572	124,001	2,154	126,155
1983.	224,850	230,845	105,830	107,741	2,823	110,564
1984.						

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA 1975-83

Year	Production	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	Thousand Pounds			1/	Thousand Dollars	
1975.	10,666	23,171	4,321	9,169	91	9,260
1976.	7,922	17,596	3,500	7,160	99	7,259
1977.	7,121	12,224	3,162	5,599	101	5,700
1978.	7,460	11,804	4,106	6,453	134	6,587
1979.	6,230	12,495	3,495	7,112	132	7,244
1980.	7,730	12,210	4,151	7,122	129	7,251
1981.	9,395	22,325	4,688	11,499	118	11,617
1982.	8,925	25,185	3,615	10,228	93	10,321
1983.	11,830	29,655	4,566	11,497	85	11,582
1984.						

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA 1975-83

Year	Production	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	Thousand Pounds			1/	Thousand Dollars	
1975.	3,068	3,006	1,475	1,448	132	1,580
1976.	2,668	2,524	1,205	1,141	124	1,265
1977.	3,125	2,653	1,297	1,105	128	1,233
1978.	3,385	2,913	1,680	1,451	169	1,620
1979.	3,888	3,346	1,613	1,390	142	1,532
1980.	3,578	3,322	1,404	1,307	134	1,441
1981.	3,979	3,322	1,303	1,091	111	1,202
1982.	3,813	3,596	1,669	1,577	75	1,652
1983.	4,507	4,439	1,826	1,799	74	1,873
1984.						

STATISTICAL REPORTING SERVICE

SHEEP AND WOOL

Sheep and lamb inventories showed a decrease for the third consecutive year. At the present time, sheep and lamb numbers are less than one-tenth of the 1,340,000 head total which peaked 61 years ago. Wool production in 1983 is estimated at 883,000 pounds, grease basis. This is 13 percent below the 1982 production of 1,019,000 pounds. Sheep shorn and to be shorn during 1983 at 92,000 head, is 12 percent less than the number shorn last year. Fleece weight of 9.6 pounds per head is down slightly from the previous year.

Wool prices fluctuated considerably during the past decade ranging from 51 cents a pound in 1975 to 97 cents in 1981.

WOOL PRODUCTION AND VALUE, NEVADA 1974-83

Year	Sheep Shorn	Weight per Fleece	Wool Production	Price per Pound	Value
	Thou. Head	Pounds	Thou. Lb.	Cents	Thou. Dol.
1974	143	10.3	1,473	65	957
1975	126	10.0	1,260	51	643
1976	120	10.2	1,224	69	845
1977	110	10.2	1,122	63	707
1978	102	10.4	1,061	69	732
1979	100	10.3	1,030	84	865
1980	108	10.0	1,080	88	950
1981	112	10.0	1,120	97	1,086
1982	104	9.8	1,019	67	683
1983	92	9.6	883	64	565

SHEEP AND LAMBS ON FARMS AND RANCHES, BY COUNTIES NEVADA, JANUARY 1, 1979-84

County	1979	1980	1981	1982	1983	1984
	Number of Head					
Carson City. . .	2,000	2,000	2,000	2,000	1,500	2,200
Churchill. . .	2,000	2,000	2,000	2,000	1,500	2,000
Douglas. . .	7,000	7,000	9,000	8,000	6,000	9,000
Elko	37,000	34,000	39,000	40,000	37,000	34,000
Eureka	8,000	9,000	9,000	7,000	5,000	3,000
Humboldt . . .	6,000	6,000	6,000	5,000	4,000	5,000
Lander	5,400	4,500	5,800	5,000	4,000	4,000
Lyon	13,000	14,000	15,000	14,000	13,000	10,000
Nye.	5,000	4,000	4,000	4,000	3,000	2,000
Pershing . . .	12,000	11,000	12,000	13,000	10,000	11,000
Washoe	4,000	3,000	4,000	3,500	2,500	1,500
White Pine . .	23,000	25,000	25,000	25,000	22,000	18,000
All Other. . .	600	500	1,200	500	500	700
State Total . .	125,000	122,000	134,000	129,000	110,000	103,000

NEVADA AGRICULTURAL STATISTICS 1983

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants increased 28 percent during 1983. Advances occurred throughout the year. Cattle accounted for 7.2 million pounds or 87 percent of the total compared with 83 percent a year earlier. These estimated include slaughter in Nevada's 6 Federally inspected plants, but exclude animals slaughtered on farms and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1979-83

Species and Year	Liveweight			Specie and Year	Liveweight		
	Head	Average	Total		Head	Average	Total
	No.	Pounds	Thou. Lb.		No.	Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1979	7,000	1,022	7,141	1979.	2,100	110	230
1980	5,900	1,040	6,168	1980.	2,700	111	299
1981	5,100	1,063	5,450	1981.	2,600	109	287
1982	4,900	1,109	5,434	1982.	2,800	115	321
1983	6,200	1,172	7,231	1983.	3,000	116	350
Calves				Hogs			
1979	---	---	---	1979.	4,300	230	982
1980	---	---	---	1980.	5,700	217	1,245
1981	100	301	29	1981.	4,300	216	935
1982	100	386	19	1982.	3,300	227	754
1983	---	---	---	1983.	3,300	229	758

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA 1983 1/

Month	Cattle		Calves		Sheep & Lambs		Hogs		All Species
	: Total		: Total		: Total		: Total		: Total
	Head	Live- Weight	Head	Live- Weight	Head	Live- Weight	Head	Live- Weight	Liveweight
	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	Thou. Lb.
January. :	400	519	-	-	200	23	200	51	593
February :	500	598	-	-	200	20	200	52	670
March. . :	500	528	-	-	200	20	300	63	611
April. . :	400	447	-	-	100	11	200	50	508
May. . . :	500	602	-	-	400	46	400	99	747
June . . :	600	784	-	-	300	35	300	75	894
July . . :	500	571	-	-	500	52	200	58	681
August . :	500	614	-	-	400	40	200	56	710
September:	500	623	-	-	300	38	200	59	720
October. :	500	610	-	-	200	24	300	57	691
November :	600	709	-	-	200	23	300	70	802
December :	600	626	-	-	100	18	300	69	713
Total. :	6,200	7,231	-	-	3,000	350	3,300	758	8,339

1/ Total may not add due to rounding. Months with no data are not printed to avoid disclosing individual operations, but data are included in annual totals.

STATISTICAL REPORTING SERVICE

DAIRY SUMMARY

Milk produced on Nevada's farms and ranches during 1983 was estimated at 237 million pounds--up 5 percent from a year earlier.

Of the 237 million pounds produced, 232 million pounds (milk equivalent for cream included) was marketed and the remaining 5 million pounds was utilized on farms and ranches where produced. Cash receipts for milk and cream marketings totaled 31.1 million, up 6 percent from 1982. Producers received an average \$13.40 per cwt. for fluid milk marketed in 1983 compared with \$13.30 in 1982.

Ice cream production in 1983 totaled 1,345,000 gallons--up 6 percent from a year earlier. Ice milk production at the 1,337,000 gallon level was up 75 percent, while sherbet at 82,000 gallons was down 9 percent from the 1982 output.

MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS NEVADA, 1974-1983

Year	M I L K					
	: Farm Value :		Utilization		: Marketing Receipts	
	: Production:	of	: Farm :	Sold 1/	: Per Lb. :	Cash
	: Production :	Production :	Uses :		: Milk Fat :	Receipts
	Million Pounds	Thousand Dollars		Million Pounds	Dollars	Thousand Dollars
1974.	167	14,479	5	162	2.43	14,046
1975.	168	14,935	5	163	2.46	14,487
1976.	191	18,221	5	186	2.70	17,738
1977.	198	19,404	5	193	2.83	18,906
1978.	187	19,560	5	182	2.98	19,033
1979.	199	22,885	5	194	3.34	22,310
1980.	219	27,813	5	214	3.62	27,178
1981.	223	29,882	5	218	3.79	29,212
1982.	225	29,925	5	220	3.73	29,260
1983.	237	31,758	5	232	3.81	31,088

1/ Milk equivalent of cream sold.

MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION NEVADA, BY QUARTER, 1981-83

Quarter	: Cows Milked 1/ :			Milk per Cow 2/ :			: Milk Production 2/ :		
	: 1981 :	1982 :	1983 :	: 1981 :	1982 :	1983 :	: 1981 :	1982 :	1983 :
	- - -	Thousands	- - -	- - -	Pounds	- - -	- - -	Million Pounds	-
Jan.-March. . .	:15.3	16.0	16.4	3,530	3,290	3,460	54.0	52.7	56.7
Apr.-June . . .	:15.5	16.0	16.6	3,730	3,660	3,730	57.8	58.5	61.9
July-Sept. . . .	:15.7	16.0	16.8	3,580	3,630	3,550	56.2	58.1	59.7
Oct.-Dec. . . .	:15.9	16.0	17.0	3,460	3,480	3,450	55.0	55.7	58.7
Annual.	:15.6	16.0	16.7	14,295	14,063	14,192	223.0	225.0	237.0

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

NEVADA AGRICULTURAL STATISTICS 1983

ALL MILK PRICE, VALUE OF CONCENTRATE RATIONS FED TO MILK COWS, AND MILK-FEED PRICE RATIOS, NEVADA BY MONTHS, 1981-83

Month	All Milk Price			Value of 100 Pounds of			Milk Feed		
	Per Cwt.			Concentrate Rations Fed			Price Ratios		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Dollars			Dollars			Numbers		
January.	13.75	13.90	13.70	8.30	7.00	7.30	1.66	1.99	1.88
February	13.75	13.70	13.70	8.40	7.00	7.40	1.64	1.96	1.85
March.	13.25	13.30	13.50	8.50	7.00	7.50	1.56	1.90	1.80
April.	13.35	13.15	13.25	8.60	7.00	7.80	1.55	1.88	1.70
May.	13.30	13.00	13.10	8.50	7.10	7.70	1.56	1.83	1.70
June.	13.20	13.00	13.00	8.40	7.30	7.60	1.57	1.78	1.71
July.	13.20	12.80	13.00	8.40	7.50	7.50	1.57	1.71	1.73
August.	13.20	12.95	12.90	8.30	7.40	7.70	1.59	1.75	1.68
September	13.30	13.25	13.15	8.20	7.30	7.90	1.62	1.82	1.66
October.	13.60	13.50	13.60	8.00	7.30	8.00	1.70	1.85	1.70
November	13.80	13.60	13.75	7.60	7.30	8.00	1.82	1.86	1.72
December	13.75	13.75	13.95	7.30	7.10	8.00	1.88	1.88	1.74
Annual	13.40	13.30	13.40	8.06	7.22	7.72	1.66	1.84	1.74

AVERAGE FAT TEST OF MILK SOLD BY FARMERS AND QUANTITIES OF DAIRY PRODUCTS MANUFACTURED, NEVADA BY MONTHS, 1981-83

Month	Fat Test of			Dairy Products Manufactured					
	Milk Sold			Ice Cream		Ice Milk			
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Percent			Thousand Gallons					
January.	3.66	3.83	3.73	83	96	87	76	50	82
February	3.67	3.69	3.70	87	106	95	79	54	85
March.	3.64	3.56	3.63	97	104	115	91	65	100
April.	3.49	3.51	3.52	98	108	98	93	66	111
May.	3.41	3.42	3.43	109	112	120	90	68	128
June.	3.38	3.41	3.40	114	108	140	74	67	136
July.	3.37	3.39	3.35	124	132	130	75	80	137
August.	3.40	3.42	3.34	119	134	144	75	82	144
September	3.43	3.51	3.41	110	107	122	80	69	134
October.	3.61	3.63	3.49	99	92	108	50	63	121
November	3.74	3.67	3.62	84	85	99	52	53	78
December	3.70	3.92	3.69	88	82	87	55	49	81
Annual	3.54	3.57	3.52	1212	1266	1345	890	766	1337

1/ Sherbert production on annual basis: 1981-82,000 gallons; 1982-90,000 gallons; 1983-82,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed. 2/ Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

STATISTICAL REPORTING SERVICE

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA 1980-83

County	1980			1981		
	Milk	Milk Per	Milk	Milk	Milk Per	Milk
	Cows	Cow	Production	Cows	Cow	Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill.	3,500	15,100	52.9	3,600	14,900	53.6
Clark.	7,000	13,800	96.6	7,200	13,600	97.9
Douglas.	2,100	15,600	32.8	2,200	15,000	33.0
Lyon	1,500	15,900	23.9	1,600	15,400	24.6
Washoe	500	14,400	7.2	600	14,000	8.4
All others	400	13,900	5.6	400	13,700	5.5
State Total. . .	15,000	14,593	219.0	15,600	14,295	223.0

County	1982			1983		
	Milk	Milk Per	Milk	Milk	Milk Per	Milk
	Cows	Cow	Production	Cows	Cow	Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill.	4,100	14,600	59.9	5,400	14,600	78.8
Clark.	6,800	13,300	90.4	6,400	13,400	85.8
Douglas.	2,200	14,700	32.3	2,200	14,800	32.6
Lyon	1,700	15,200	25.8	1,500	15,300	23.0
Washoe	700	13,900	9.7	700	14,000	9.8
All others	500	13,800	6.9	500	13,900	7.0
State Total. . .	16,000	14,063	225.0	16,700	14,192	237.0

HONEY BEE COLONIES, HONEY & BEESWAX PRODUCTION VALUE OF PRODUCTION, NEVADA 1974-82

VALUE OF PRODUCTION, NEVADA 1974-82										
Year	:	Pounds Honey		Beeswax	Value of Production				Honey	
	Colonies:	Produced		Produced:	Honey		Beeswax		Stocks	
	Thou.	Per.	Total	:	Dollars:	Total	Dollars:	Total	Dec. 15	
	:	Colony	Thou.	Thou.	per	Thou.	per	Thou.	Thou.	
	:	:	Pound	Pound	Pound	Dollars	Pound	Dollars	Pound	
1974	:	7	100	700	12	.502	551	1.23	15	35
1975	:	8	55	440	6	.580	255	1.10	7	132
1976	:	9	55	495	7	.533	264	1.15	8	20
1977	:	10	55	550	9	.572	315	1.75	16	193
1978	:	9	40	360	6	.602	217	1.85	11	108
1979	:	12	35	420	6	.603	253	1.89	11	105
1980	:	11	60	660	13	.720	475	1.67	22	231
1981	:	12	35	420	7	.750	315	1.90	13	88
1982	:	Discontinued								

NEVADA AGRICULTURAL STATISTICS 1983

CHICKEN AND EGGS

Total chickens on Nevada farms and ranches were estimated at 13,000 birds on December 1, 1983. This was down 13 percent from a year earlier but at the same level as December 1, 1981. Of the total chickens, 10,000 birds were of laying age on December 1, 1983.

Total value of chickens in Nevada on December 1, 1983 came to \$33,000 which was up slightly from a year earlier. Value per bird, at \$2.55 was up 55 cents from a year earlier.

CHICKENS ON FARMS, DECEMBER 1, 1981-83 1/

Species	Nevada				United States			
	1981	1982	1983	83 as %	1981	1982	1983	83 as %
	of 82				of 82			
	Thousand Head		Percent		Thousand Head		Percent	
Total Chickens:	13	15	13	87	384,838	378,609	364,584	96
Laying Age	10	10	10	100	293,454	288,968	278,223	96
Hens	8	8	8	100	128,814	133,103	132,592	100
Pullets	2	2	2	100	164,640	155,865	145,631	93
All Others	3	5	3	60	91,384	89,641	86,361	96

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1981-83 1/

Value	Nevada			United States		
	1981	1982	1983	1981	1982	1983
Per Head	2.30	2.00	2.55	1.89	1.85	1.96
Total thou. dol. . .	30	30	33	727,188	701,474	716,192

1/ Excludes commercial broilers.

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA 1981-83

Quarter	Layers			Eggs per 100 Layers 1/			Total Production		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	Thousands			Number			Thousands		
Dec. 2/ Feb.:	10.0	10.0	10.0	4,000	3,996	3,600	360	405	360
March - May:	10.0	10.0	10.0	5,000	5,060	4,600	451	506	460
June - Aug.:	10.0	10.0	10.0	5,000	4,876	5,060	460	488	506
Sept. - Nov.:	10.0	10.0	10.0	3,822	3,913	4,095	391	391	410
Total 3/	10.0	10.0	10.0	180	180	180	1,662	1,790	1,736

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1981-83

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of home Consumption	Gross Income
	Million Eggs			Cents		Thousand Dollars	
1981	1.8	.8	1.0	55.6	46	37	83
1982	1.8	.8	1.0	51.9	43	35	78
1983	1.8	.8	1.0	47.9	40	32	72

STATISTICAL REPORTING SERVICE

NEVADA MIDMONTH PRICES RECEIVED, 1980-83, (Dollars)

Commodity	Unit	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wt. Av. 1/
Beef Cattle	Cwt.	1980	63.40	65.40	64.40	57.80	57.80	58.60	59.40	61.40	59.80	62.40	60.80	61.40	61.40
		1981	57.00	57.40	54.60	56.50	50.90	49.90	52.20	50.70	49.80	48.40	47.30	40.00	51.30
		1982	41.20	44.80	46.10	46.90	46.60	46.40	45.50	48.80	44.90	43.90	44.20	36.50	44.40
		1983	41.60	48.20	51.20	47.30	45.20	43.80	42.20	43.50	40.30	41.70	39.50	39.00	43.40
Steers & Heifers	Cwt.	1980	68.00	70.00	69.00	62.00	62.00	63.00	64.00	66.00	64.00	67.00	65.00	66.00	65.90
		1981	66.00	64.00	61.80	56.80	58.40	58.30	60.30	59.40	57.70	56.10	54.90	53.90	59.70
		1982	50.70	57.10	57.80	56.80	57.40	56.80	52.00	64.30	55.60	55.10	54.70	53.00	56.00
		1983	53.70	57.80	59.50	58.40	56.80	54.20	50.60	50.20	49.10	52.90	51.50	47.60	53.50
Cows	Cwt.	1980	45.00	47.00	46.00	41.00	41.00	41.00	41.00	43.00	43.00	44.00	44.00	43.00	43.60
		1981	41.70	42.10	40.90	44.00	41.80	41.40	41.00	41.30	40.80	37.40	34.90	33.10	39.80
		1982	35.60	35.10	38.50	38.00	39.10	39.60	38.00	37.40	37.10	35.80	33.00	31.60	36.10
		1983	32.70	38.70	43.30	41.10	41.50	39.40	38.50	38.50	36.90	33.10	32.60	32.60	36.90
Calves	Cwt.	1980	82.00	84.00	82.00	70.00	70.00	66.00	64.00	70.00	75.00	72.00	70.00	69.00	72.90
		1981	67.90	68.00	68.00	70.40	63.60	62.90	55.20	57.90	59.20	60.40	60.10	57.90	63.10
		1982	58.70	60.10	61.80	62.80	59.20	62.90	58.00	57.60	57.80	60.20	58.70	56.70	59.60
		1983	60.10	63.90	66.90	65.50	63.90	60.40	55.00	56.40	53.40	58.00	57.30	62.00	61.40
Sheep	Cwt.	1980	18.00	19.00	18.00	18.00	18.00	17.00	17.00	17.00	16.00	16.00	16.00	16.00	16.90
		1981	19.20	20.20	20.50	16.70	17.00	17.80	17.90	18.00	16.00	18.30	19.80	20.00	18.00
		1982	13.40	17.80	22.30	16.90	13.50	16.80	13.30	14.10	12.20	13.60	9.10	16.10	13.80
		1983	12.30	12.80	14.20	25.00	16.60	8.40	7.60	6.30	7.20	7.00	10.70	7.60	9.90
Lambs	Cwt.	1980	61.00	59.00	60.00	55.00	55.00	60.00	62.00	63.00	63.00	63.00	61.00	60.00	60.70
		1981	50.60	56.00	49.00	58.00	58.30	62.40	60.50	51.50	51.10	49.50	50.20	48.70	53.80
		1982	38.40	39.10	38.90	2/	48.50	51.20	44.40	44.90	41.00	40.10	37.20	38.80	42.90
		1983	35.30	35.90	42.50	46.50	36.70	45.00	34.60	30.80	34.40	38.70	44.30	46.10	40.80
Alfalfa Hay	Ton	1980	94.00	96.00	100.00	104.00	100.00	97.00	99.00	97.00	98.00	97.00	98.00	97.00	N/A
		1981	97.00	99.00	93.00	90.00	85.00	84.00	80.00	74.00	70.00	70.00	75.00	74.00	N/A
		1982	74.00	74.00	74.00	79.00	79.00	86.00	82.00	90.00	90.00	95.00	95.00	92.00	N/A
		1983	92.00	94.00	93.00	92.00	97.00	94.00	98.00	97.00	99.00	99.00	99.00	99.00	N/A
Other Hay	Ton	1980	77.00	79.00	79.00	79.00	78.00	78.00	80.00	78.00	80.00	78.00	75.00	78.00	N/A
		1981	78.00	80.00	74.00	71.00	68.00	67.00	65.00	60.00	55.00	55.00	60.00	60.00	N/A
		1982	60.00	60.00	60.00	65.00	70.00	75.00	70.00	78.00	78.00	83.00	80.00	77.00	N/A
		1983	77.00	75.00	74.00	70.00	80.00	75.00	79.00	78.00	80.00	75.00	75.00	75.00	N/A
All Hay	Ton	1980	89.00	91.00	93.50	96.00	93.00	91.00	93.00	91.00	92.50	91.00	89.00	91.00	90.50
		1981	91.00	93.00	87.00	84.00	80.00	79.00	75.00	70.00	65.00	65.00	70.00	70.00	70.00
		1982	70.00	70.00	70.00	75.00	80.00	83.00	78.00	86.00	86.00	91.00	90.00	87.00	86.50
		1983	87.00	88.00	87.00	85.00	92.00	88.00	92.00	91.00	93.00	92.00	92.00	92.00	92.00

1/ Average for crops based on crop year marketing season -- Livestock and products based on calendar year.

2/ Insufficient sales to establish price.

NEVADA AGRICULTURAL STATISTICS 1983

CONSUMPTION BY KIND OF FERTILIZER, NEVADA, YEARS ENDED JUNE 30, 1981-83

Kind of Fertilizer	: 1981	: 1982	: 1983
	Tons		
Anhydrous ammonia.	525	371	273
Ammonium nitrate	333	232	879
Ammonium sulphate.	3,015	3,361	2,247
Nitrogen solution.	3,021	4,193	5,899
Urea	440	410	415
Other nitrogen materials	2,643	603	203
Ammonium phosphates.	2,722	2,645	2,697
Superphosphate	1,483	977	1,611
Other phosphates	22	2	2
Potash materials	32	448	130
Gypsum	6,776	8,369	2,686
Other secondary and micronutrients	281	765	503
Natural organics	1,899	1,752	1,891
Total direct-application material.	23,192	24,128	19,436
Total commercial mixtures.	6,122	5,812	5,152
Total all kinds of fertilizer	29,314	29,940	24,588

AVERAGE PRICES PAID BY FARMERS AND RANCHERS FOR FEED, NEVADA, 1980-83

Commodity	: Unit	: 1980	: 1981	: 1982	: 1983
		Dollars			
Feed:	:				
Dairy feed, 14%	Ton	173.00	198.00	194.00	196.00
Dairy feed, 16%	"	195.00	230.00	226.00	226.00
Bran.	Cwt.	11.70	13.80	12.70	12.50
Cottonseed meal, 41%.	"	15.80	19.40	17.90	17.50
Stock salt.	"	4.70	5.30	5.30	5.50

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA 1981-83

Item	1981		1982		1983	
	: Thou.	: % of	: Thou.	: % of	: Thou.	: % of
	: Dol.	: Total	: Dol.	: Total	: Dol.	: Total
Cattle & Calves	89,395	41.8	124,001	52.6	107,741	48.1
Dairy Products.	29,212	13.6	29,260	12.4	31,088	13.9
Sheep & Lambs (Including Wool).	12,585	5.9	10,911	4.6	12,063	5.4
All other Livestock & Products.	1,793	.8	1,921	.8	2,160	.9
Total Livestock & Products.	132,985	62.1	166,093	70.4	153,052	68.3
All Hay	32,901	15.3	34,910	14.8	44,071	19.7
Alfalfa Seed.	9,996	4.7	4,622	2.0	3,690	1.6
Potatoes.	18,816	8.8	15,719	6.7	9,315	4.2
Food & Feed Grains.	7,459	3.5	9,039	3.8	7,029	3.1
Vegetables.	10,414	4.9	4,604	2.0	6,500	2.9
Cotton, lint & seed	424	.2	552	.2	--	---
All other Crops	1,135	.5	334	.1	520	.2
Total Crops	81,145	37.9	69,780	29.6	71,125	31.7
Total All Commodities	214,130	100.0	235,873	100.0	224,177	100.0

STATISTICAL REPORTING SERVICE

PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1981-1983 1/

Item	1981	1982	1983
- - - Million Dollars - - -			
Feed.	23.8	20.5	25.2
Livestock	18.5	13.5	16.1
Seed.	2.1	2.2	5.2
Fertilizer and lime	5.8	5.4	5.5
Repair and operation of capital items	35.4	34.1	31.8
Hired labor	26.6	31.6	30.5
Miscellaneous	53.4	56.5	55.1
Total current farm operating expenses.	165.6	163.7	169.5
Depreciation and other consumption of farm capital	42.7	47.0	45.6
Taxes on farm mortgage debt.	3.4	3.3	3.8
Interest on farm mortgage debt	24.1	25.8	26.4
Net rent to nonfarm landlords.	5.1	5.6	5.6
Total Production Expense.	240.9	245.5	250.9

FARM INCOME UP 53 PERCENT IN 1983

Total net farm income increased from 1982 to 1983. Net change in farm inventories was responsible for this sharp gain as cash receipts from farm marketings were down and farm production expenses were up.

FARM INCOME, NEVADA, 1981-1983 1/

Item	1981	1982	1983
- - - Million Dollars - - -			
Realized gross farm income.			
Cash receipts from farm marketings	214.1	235.9	224.2
Government payments.	3.7	4.4	4.3
Nonmoney income.	28.5	29.5	29.2
Other farm income.	3.4	3.6	2.8
Total gross farm income	249.8	273.3	260.5
Farm production expenses	240.9	245.5	250.9
Realized net farm income	8.9	27.8	9.6
Net change in farm inventories	+19.5	-11.2	+15.9
Total net farm income	28.4	16.7	25.5

1/ Details may not add to totals due to rounding.

NEVADA COUNTIES AND CROP REPORTING DISTRICTS

